

RPES8284

Product Information

Product SKU:	RPES8284	Expression Host:	Mammalian	Size:	20µg
Tag:	C-His	Reactivity:	Human	Accession:	Q86VB7

Additional Information

Calculated MW:	110.3 kDa	Observed MW:	130-140 kDa
Sequence:	Ser42-Ser1045		

Protein Information

Background:	The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Synonyms:	C163A, CD 163, CD163, CD163 antigen, CD163 molecule, Hemoglobin scavenger receptor, M130, M130 antigen precursor, Macrophage associated antigen, MM130, OTTHUMP00000238617, OTTHUMP00000238618, OTTHUMP00000238619, OTTHUMP00000238620, SCAR11, Scavenger receptor cysteine rich type 1 protein M130, sCD163, Soluble CD163
Endotoxin:	< 1.0 EU/mg of the protein as determined by the LAL method
Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Purity:	> 90% as determined by reducing SDS-PAGE.
Bio-Activity:	Not validated for activity

Storage:

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.